

## ABSTRACT OF THE INVENTION

A method for preparing pre-reacted synthetic batches, with a low content of carbon dioxide, for the production of glass formulas, which comprises mixing stoichiometric amounts of substances, containing molecular systems of silica-  
5 sodium, silica-sodium-calcium, silica-sodium-magnesium, silica-calcium-magnesium, silica-sodium-calcium-magnesium and mixtures thereof, having reaction temperatures which do not form a liquid phase, that are selected from invariant points or from points on a line connecting invariant points of phase diagrams of said molecular systems, to complete a desired molecular formula;  
10 adding cullet to the mixture; and calcining the mixture to a reaction temperature which do not form a liquid phase and wherein the CO<sub>2</sub> is liberated.